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ソニー株式会社

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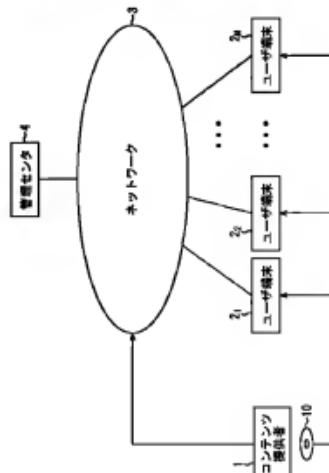
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(54)【発明の名称】情報処理装置および情報処理方法、プログラム記録媒体、並びにデータ記録媒体

(57) Y V A
 Y E [U ' / - A ' g
 E - f n O k -
 A - G E A V k -
 V B
 Y E Z ^ S - A @
 O [U f - * A * @
 E G i f B X N P O L @
 O a e f l - * -
 O B A - Z -
 A l b g [N R
 G A K V - * -
 G A [U - @ - c
 E - @ - A l b g
 E - f G O B * -
 E - a A l b -
 [Q - B



$$A = \begin{pmatrix} \sum_{i=1}^n x_i x_{i1} & \sum_{i=1}^n x_i x_{i2} & \cdots & \sum_{i=1}^n x_i x_{iJ} \\ \sum_{i=1}^n x_i x_{i1} & \sum_{i=1}^n x_i x_{i2} & \cdots & \sum_{i=1}^n x_i x_{iJ} \\ \vdots & \vdots & \ddots & \vdots \\ \sum_{i=1}^n x_i x_{i1} & \sum_{i=1}^n x_i x_{i2} & \cdots & \sum_{i=1}^n x_i x_{iJ} \end{pmatrix}$$

$$y = 0, 0, 2$$

$$y = 8$$

$$e_1 \frac{\partial e_1}{\partial w_1} + e_2 \frac{\partial e_2}{\partial w_1} + \dots + e_l \frac{\partial e_l}{\partial w_1} = 0 \quad (j=1,2,\dots,l)$$

$$\frac{\partial \theta_1}{\partial w_1} = x_1, \frac{\partial \theta_1}{\partial w_2} = x_2, \dots, \frac{\partial \theta_1}{\partial w_I} = x_I, (i=1,2,\dots,I)$$

E E E $\frac{3}{2}$
y o o T N z f i s j a

$$\begin{array}{l} \text{E B} \\ \text{Y} \quad 0 \quad 0 \quad \mathbf{X} \\ \text{Y} \quad \mathbf{Y} \\ \sum a_0x_1=0, \sum a_1x_2=0, \dots \sum a_nx_n=0 \end{array}$$

W Y R O O U O z + A f i i
W R Y " N A + t f A o c
N l f . o - A f i

$$\begin{aligned} & \left(\sum_{i=1}^n x_{1i}x_{1j} \right) w_1 + \left(\sum_{i=1}^n x_{1i}x_{2j} \right) w_2 + \cdots + \left(\sum_{i=1}^n x_{1i}x_{lj} \right) w_l = \left(\sum_{i=1}^n x_{1i}y_j \right) \\ & \left(\sum_{i=1}^n x_{2i}x_{1j} \right) w_1 + \left(\sum_{i=1}^n x_{2i}x_{2j} \right) w_2 + \cdots + \left(\sum_{i=1}^n x_{2i}x_{lj} \right) w_l = \left(\sum_{i=1}^n x_{2i}y_j \right) \\ & \quad \cdots \\ & \left(\sum_{i=1}^n x_{li}x_{1j} \right) w_1 + \left(\sum_{i=1}^n x_{li}x_{2j} \right) w_2 + \cdots + \left(\sum_{i=1}^n x_{li}x_{lj} \right) w_l = \left(\sum_{i=1}^n x_{li}y_j \right) \end{aligned}$$

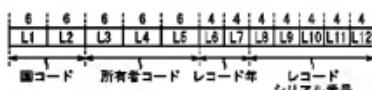
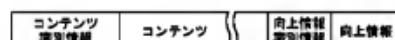
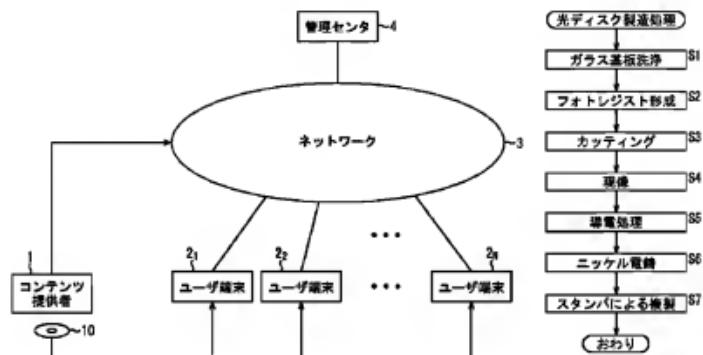
E E E
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X * } Ø ■
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✓ A t B ^ O + Ø ■
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[U { Ø " A » Ø - ■
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M A 1 b g [N ■
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- A [Ø M + Ø - ■
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- A - A Ø M + Ø ■
- v - B ■
y O O V U z % A a ■
- V - Ø " A ^ » ■
Ø B ^ » Ø fi - - ■

S P SC SQ C SR Y f C T
 P M SC TQ o ^ C TR [^
 ^ x ^ TS C TT C T M
 C TV i C TW C TX
 f [^ x o x P Q CPU C

P B ROM C P O RAM C P O T n 等
 N C P O o " C P O " C P O
 " M H h G P B o " C
 F [X P P [o u p

ユーザ端末 2_n 管理センタ 24 ユーザ端末 2_n

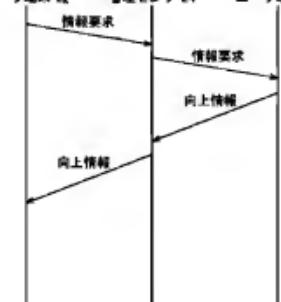
(B) [B0 B1 B2 B3 B4 B5 B6 B7] → 自分

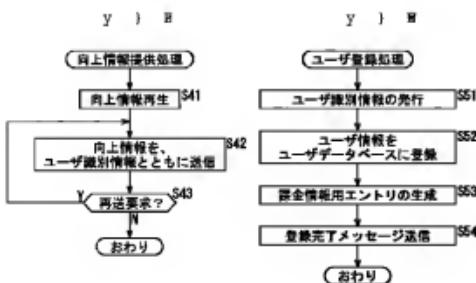
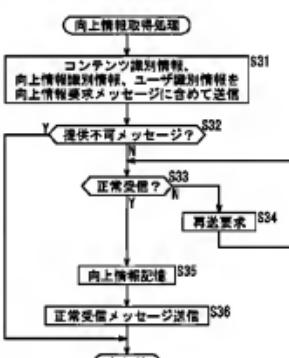
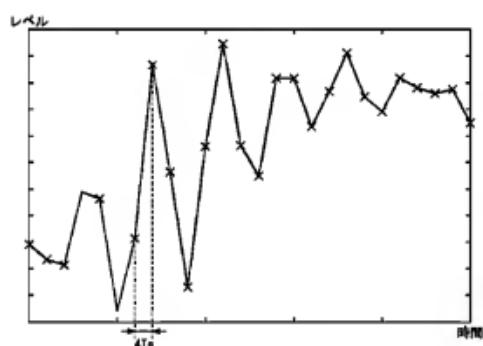
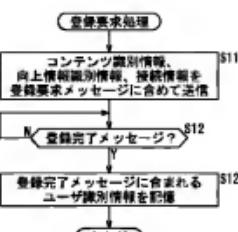
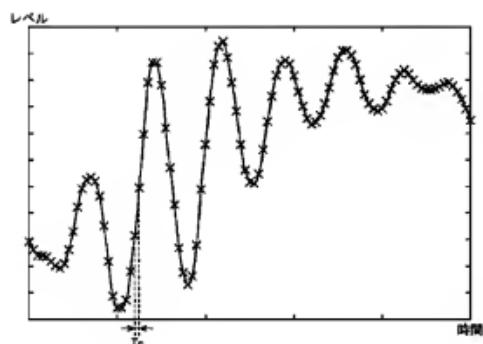
(C) [B0 B1 B2 B3 B4 B5 B6 B7] → 他人 (net経由で受信)

(D) [B0 B1 B2 B3 B4 B5 B6 B7] → 他人 (net経由で受信)

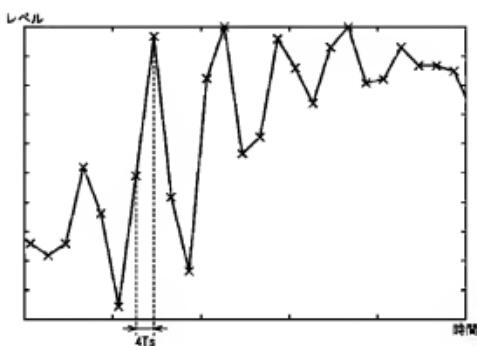
(E) [B0 B1 B2 B3 B4 B5 B6 B7] → 他人 (net経由で受信)

(F) [B0 B1 B2 B3 B4 B5 B6 B7] 向上情報

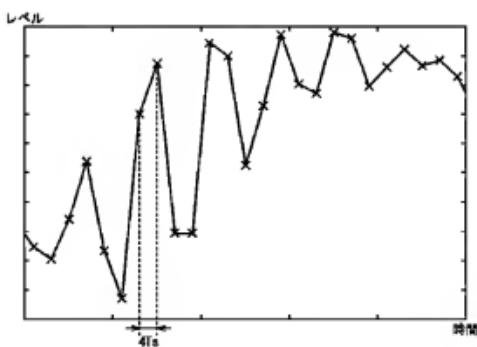




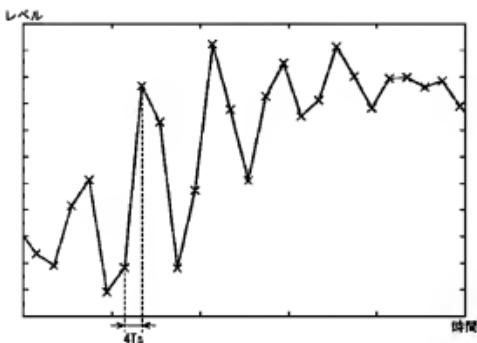
y → M



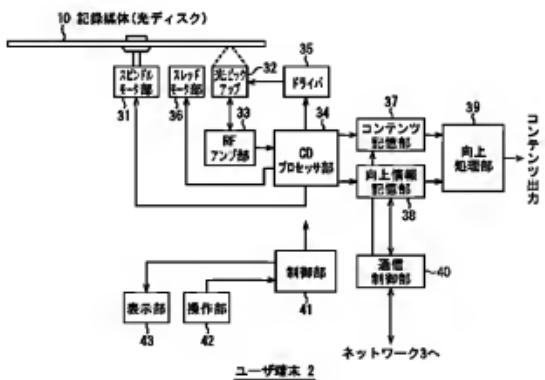
y → M

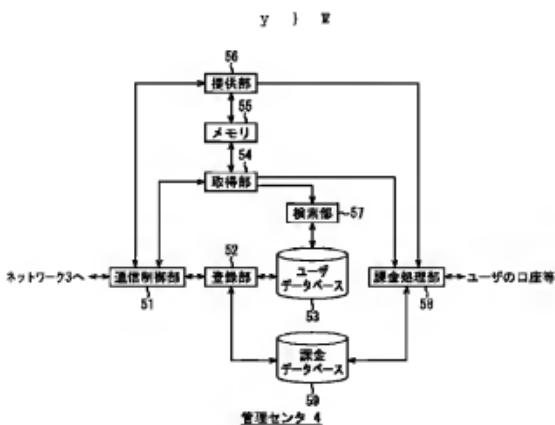


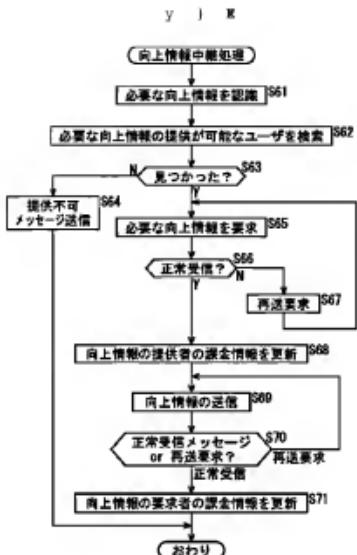
y } x



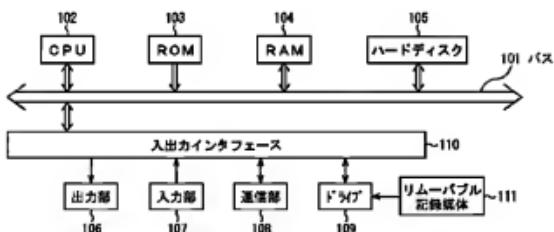
y } 0







Y → Q



コンピュータ